

Forestland Productivity and Management
Ogemaw County, Michigan

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation.)

| Map symbol and soil name | Erosion hazard potential | Site preparation limitations | Windthrow hazard potential | Potential Seedling Mortality | Potential productivity | | | Suggested trees to plant |
|--------------------------|-----------------------------------|------------------------------|----------------------------|------------------------------|--|--|--|--|
| | | | | | Common trees | Site index | Volume of wood fiber* | |
| 10B: Grayling----- | Slight | Well suited | Slight | Low | Jack pine----- Northern pin oak---- Quaking aspen----- Red pine----- White oak----- | 48 43 --- --- --- | 57 29 --- --- --- | Jack pine, red pine. |
| 10C: Grayling----- | Moderate | Well suited | Slight | Low | Jack pine----- Northern pin oak---- Quaking aspen----- Red pine----- White oak----- | 48 43 --- --- --- | 57 29 --- --- --- | Jack pine, red pine. |
| 10E: Grayling----- | Moderate Slope/erodibility | Poorly suited Slope | Slight | Low | Jack pine----- Northern pin oak---- Quaking aspen----- Red pine----- White oak----- | 48 43 --- --- --- | 57 29 --- --- --- | Jack pine, red pine. |
| 11B: Rubicon----- | Slight | Well suited | Slight | Low | Bigtooth aspen----- Eastern white pine-- Jack pine----- Northern red oak---- Paper birch----- Quaking aspen----- Red maple----- Red pine----- | 66 45 53 --- --- 60 57 53 | 72 72 72 --- --- 57 29 86 | Eastern white pine, jack pine, red pine. |
| 11C: Rubicon----- | Moderate | Well suited | Slight | Low | Bigtooth aspen----- Eastern white pine-- Jack pine----- Northern red oak---- Paper birch----- Quaking aspen----- Red maple----- Red pine----- | 66 45 53 --- --- 60 57 53 | 72 72 72 --- --- 57 29 86 | Eastern white pine, jack pine, red pine. |
| 11E: | | | | | | | | |

*See footnote at end of table.

Forestland Productivity and Management--Continued

| Map symbol and soil name | Erosion hazard potential | Site preparation limitations | Windthrow hazard potential | Potential Seedling Mortality | Potential productivity | | | Suggested trees to plant |
|--------------------------|--------------------------|------------------------------|----------------------------|------------------------------|------------------------|------------|-----------------------|--|
| | | | | | Common trees | Site index | Volume of wood fiber* | |
| Rubicon----- | Moderate | Poorly suited | Slight | Low | Bigtooth aspen----- | 66 | 72 | Eastern white pine, jack pine, red pine. |
| | Slope/erodibility | Slope | | | Eastern white pine-- | 45 | 72 | |
| | | | | | Jack pine----- | 53 | 72 | |
| | | | | | Northern red oak---- | --- | --- | |
| | | | | | Paper birch----- | --- | --- | |
| | | | | | Quaking aspen----- | 60 | 57 | |
| | | | | | Red maple----- | 57 | 29 | |
| 11F: Rubicon----- | Severe | Unsuited | Slight | Low | Bigtooth aspen----- | 66 | 72 | Eastern white pine, jack pine, red pine. |
| | Slope/erodibility | Slope | | | Eastern white pine-- | 45 | 72 | |
| | | | | | Jack pine----- | 53 | 72 | |
| | | | | | Northern red oak---- | --- | --- | |
| | | | | | Paper birch----- | --- | --- | |
| | | | | | Quaking aspen----- | 60 | 57 | |
| | | | | | Red maple----- | 57 | 29 | |
| 12B: Crowell----- | Slight | Well suited | Slight | High | Bigtooth aspen----- | 69 | 86 | Eastern white pine, red pine, white spruce. |
| | | | Wetness | Wetness | Black cherry----- | --- | --- | |
| | | | | | Eastern white pine-- | --- | --- | |
| | | | | | Jack pine----- | 53 | 72 | |
| | | | | | Northern red oak---- | --- | --- | |
| | | | | | Paper birch----- | 54 | 57 | |
| | | | | | Quaking aspen----- | 68 | 72 | |
| 13A: Au Gres----- | Slight | Unsuited | Moderate | High | Balsam fir----- | --- | --- | Norway spruce, eastern white pine, red pine, white spruce. |
| | | Wetness | Wetness | Wetness | Bigtooth aspen----- | --- | --- | |
| | | | | | Eastern hemlock----- | --- | --- | |
| | | | | | Eastern white pine-- | --- | --- | |
| | | | | | Jack pine----- | 51 | 72 | |
| | | | | | Northern white-cedar | --- | --- | |
| | | | | | Paper birch----- | --- | --- | |
| 14: | | | | | Quaking aspen----- | 70 | 86 | |
| | | | | | Red maple----- | 65 | 43 | |
| | | | | | Yellow birch----- | --- | --- | |
| | | | | | | | | |

*See footnote at end of table.

Forestland Productivity and Management--Continued

| Map symbol and soil name | Erosion hazard potential | Site preparation limitations | Windthrow hazard potential | Potential Seedling Mortality | Potential productivity | | | Suggested trees to plant |
|-----------------------------|--------------------------------|------------------------------------|----------------------------------|------------------------------------|------------------------|---------------|-----------------------------|--|
| | | | | | Common trees | Site index | Volume of wood fiber* | |
| Roscommon----- | Slight | Unsuited | Severe | High | Balsam fir----- | --- | --- | Black spruce, northern white-cedar, tamarack. |
| | | Wetness | Wetness | Wetness | Black spruce----- | --- | --- | |
| | | | | | Jack pine----- | --- | --- | |
| | | | | | Northern white-cedar | --- | --- | |
| | | | | | Quaking aspen----- | 74 | 86 | |
| | | | | | Red maple----- | --- | --- | |
| 17B: Graycalm----- | Slight | Well suited | Slight | Low | Yellow birch----- | --- | --- | Eastern white pine, red pine. |
| | | | | | Bigtooth aspen----- | 70 | 86 | |
| | | | | | Eastern white pine-- | --- | --- | |
| | | | | | Jack pine----- | 56 | 86 | |
| | | | | | Northern red oak---- | 62 | 57 | |
| | | | | | Paper birch----- | --- | --- | |
| 17C: Graycalm----- | Moderate | Well suited | Slight | Low | Quaking aspen----- | 60 | 57 | Eastern white pine, red pine. |
| | | | | | Red pine----- | 61 | 100 | |
| | | | | | Bigtooth aspen----- | 70 | 86 | |
| | | | | | Eastern white pine-- | --- | --- | |
| | | | | | Jack pine----- | 56 | 86 | |
| | | | | | Northern red oak---- | 62 | 57 | |
| 17E: Graycalm----- | Moderate | Poorly suited | Slight | Low | Paper birch----- | --- | --- | Eastern white pine, red pine. |
| | | | | | Quaking aspen----- | 60 | 57 | |
| | | | | | Red pine----- | 61 | 100 | |
| | | | | | Bigtooth aspen----- | 70 | 86 | |
| | | | | | Eastern white pine-- | --- | --- | |
| | | | | | Jack pine----- | 56 | 86 | |
| 18B: Klacking----- | Slight | Well suited | Slight | Low | Northern red oak---- | 62 | 57 | Eastern white pine, red pine. |
| | | | | | Paper birch----- | --- | --- | |
| | | | | | Quaking aspen----- | 60 | 57 | |
| | | | | | Red pine----- | 61 | 100 | |
| | | | | | Bigtooth aspen----- | 70 | 86 | |
| | | | | | Black cherry----- | --- | --- | |
| 18C: | | | | | Jack pine----- | --- | --- | |
| | | | | | Northern pin oak---- | --- | --- | |
| | | | | | Northern red oak---- | 60 | 57 | |
| | | | | | Quaking aspen----- | --- | --- | |
| | | | | | Red maple----- | --- | --- | |
| | | | | | Red pine----- | --- | --- | |
| 18C: | | | | | White oak----- | 57 | 43 | |
| | | | | | | | | |

*See footnote at end of table.

Forestland Productivity and Management--Continued

| Map symbol and soil name | Erosion hazard potential | Site preparation limitations | Windthrow hazard potential | Potential Seedling Mortality | Potential productivity | | | Suggested trees to plant |
|-----------------------------|--------------------------------|------------------------------------|----------------------------------|------------------------------------|------------------------|---------------|-----------------------------|--|
| | | | | | Common trees | Site index | Volume of wood fiber* | |
| Klacking----- | Moderate | Well suited | Slight | Low | Bigtooth aspen----- | 70 | 86 | Eastern white pine, red pine. |
| | | | | | Black cherry----- | --- | --- | |
| | | | | | Jack pine----- | --- | --- | |
| | | | | | Northern pin oak----- | --- | --- | |
| | | | | | Northern red oak----- | 60 | 57 | |
| | | | | | Quaking aspen----- | --- | --- | |
| | | | | | Red maple----- | --- | --- | |
| | | | | | Red pine----- | --- | --- | |
| 18E: Klacking----- | Moderate | Poorly suited | Slight | Low | White oak----- | 57 | 43 | Eastern white pine, red pine. |
| | | | | | Bigtooth aspen----- | 70 | 86 | |
| | | | | | Black cherry----- | --- | --- | |
| | | | | | Jack pine----- | --- | --- | |
| | | | | | Northern pin oak----- | --- | --- | |
| | | | | | Northern red oak----- | 60 | 57 | |
| | | | | | Quaking aspen----- | --- | --- | |
| | | | | | Red maple----- | --- | --- | |
| 20B: Montcalm----- | Slight | Well suited | Slight | Low | Red pine----- | --- | --- | Eastern white pine, red pine, white spruce. |
| | | | | | White oak----- | 57 | 43 | |
| | | | | | Balsam fir----- | --- | --- | |
| | | | | | Bigtooth aspen----- | --- | --- | |
| | | | | | Eastern white pine-- | --- | --- | |
| | | | | | Northern red oak----- | 66 | 43 | |
| | | | | | Paper birch----- | --- | --- | |
| | | | | | Quaking aspen----- | --- | --- | |
| 20C: Montcalm----- | Moderate | Well suited | Slight | Low | Red maple----- | --- | --- | Eastern white pine, red pine, white spruce. |
| | | | | | Red pine----- | --- | --- | |
| | | | | | Sugar maple----- | 61 | 43 | |
| | | | | | Yellow birch----- | --- | --- | |
| | | | | | Balsam fir----- | --- | --- | |
| | | | | | Bigtooth aspen----- | --- | --- | |
| | | | | | Eastern white pine-- | --- | --- | |
| | | | | | Northern red oak----- | 66 | 43 | |
| 20E: | | | | | Paper birch----- | --- | --- | |
| | | | | | Quaking aspen----- | --- | --- | |
| | | | | | Red maple----- | --- | --- | |
| | | | | | Red pine----- | --- | --- | |
| | | | | | Sugar maple----- | 61 | 43 | |
| | | | | | Yellow birch----- | --- | --- | |
| | | | | | | | | |
| | | | | | | | | |

*See footnote at end of table.

Forestland Productivity and Management--Continued

| Map symbol and soil name | Erosion hazard potential | Site preparation limitations | Windthrow hazard potential | Potential Seedling Mortality | Potential productivity | | | Suggested trees to plant |
|-----------------------------|--------------------------------|------------------------------------|----------------------------------|------------------------------------|------------------------|---------------|-----------------------------|--|
| | | | | | Common trees | Site index | Volume of wood fiber* | |
| Montcalm----- | Moderate | Poorly suited | Slight | Low | Balsam fir----- | --- | --- | Eastern white pine, red pine, white spruce. |
| | Slope/erod- ibility | Slope | | | Bigtooth aspen----- | --- | --- | |
| | | | | | Eastern white pine-- | --- | --- | |
| | | | | | Northern red oak---- | 66 | 43 | |
| | | | | | Paper birch----- | --- | --- | |
| | | | | | Quaking aspen----- | --- | --- | |
| | | | | | Red maple----- | --- | --- | |
| | | | | | Red pine----- | --- | --- | |
| | | | | | Sugar maple----- | 61 | 43 | |
| | | | | | Yellow birch----- | --- | --- | |
| 21: Histosols----- | Slight | Unsuited Wetness | Severe Wetness | High Wetness | | --- | | --- |
| Aquents----- | Slight | Unsuited Wetness | Severe Wetness | High Wetness | | --- | | --- |
| 22B: Nester----- | Slight | Well suited | Slight | Low | American basswood--- | --- | --- | Norway spruce, eastern white pine, red pine, white spruce. |
| | | | | | American beech----- | --- | --- | |
| | | | | | Black cherry----- | --- | --- | |
| | | | | | Northern red oak---- | --- | --- | |
| | | | | | Quaking aspen----- | --- | --- | |
| | | | | | Sugar maple----- | 61 | 43 | |
| | | | | | White ash----- | --- | --- | |
| | | | | | White oak----- | --- | --- | |
| 22B2: Nester----- | Slight | Well suited | Slight | Low | American basswood--- | --- | --- | Norway spruce, eastern white pine, red pine, white spruce. |
| | | | | | American beech----- | --- | --- | |
| | | | | | Black cherry----- | --- | --- | |
| | | | | | Northern red oak---- | --- | --- | |
| | | | | | Quaking aspen----- | --- | --- | |
| | | | | | Sugar maple----- | 61 | 43 | |
| | | | | | White ash----- | --- | --- | |
| | | | | | White oak----- | --- | --- | |
| 22C: | | | | | | | | |

*See footnote at end of table.

Forestland Productivity and Management--Continued

| Map symbol and soil name | Erosion hazard potential | Site preparation limitations | Windthrow hazard potential | Potential Seedling Mortality | Potential productivity | | | Suggested trees to plant |
|--------------------------|--------------------------|------------------------------|----------------------------|------------------------------|------------------------|------------|-----------------------|--|
| | | | | | Common trees | Site index | Volume of wood fiber* | |
| Nester----- | Slight | Well suited | Slight | Low | American basswood--- | --- | --- | Norway spruce, eastern white pine, red pine, white spruce. |
| | | | | | American beech----- | --- | --- | |
| | | | | | Black cherry----- | --- | --- | |
| | | | | | Northern red oak---- | --- | --- | |
| | | | | | Quaking aspen----- | --- | --- | |
| | | | | | Sugar maple----- | 61 | 43 | |
| | | | | | White ash----- | --- | --- | |
| | | | | | White oak----- | --- | --- | |
| 22C2: Nester----- | Slight | Well suited | Slight | Low | American basswood--- | --- | --- | Norway spruce, eastern white pine, red pine, white spruce. |
| | | | | | American beech----- | --- | --- | |
| | | | | | Black cherry----- | --- | --- | |
| | | | | | Northern red oak---- | --- | --- | |
| | | | | | Quaking aspen----- | --- | --- | |
| | | | | | Sugar maple----- | 61 | 43 | |
| | | | | | White ash----- | --- | --- | |
| | | | | | White oak----- | --- | --- | |
| 22D: Nester----- | Moderate | Poorly suited | Slight | Low | American basswood--- | --- | --- | Norway spruce, eastern white pine, red pine, white spruce. |
| | Slope/erodibility | Slope | | | American beech----- | --- | --- | |
| | | | | | Black cherry----- | --- | --- | |
| | | | | | Northern red oak---- | --- | --- | |
| | | | | | Quaking aspen----- | --- | --- | |
| | | | | | Sugar maple----- | 61 | 43 | |
| | | | | | White ash----- | --- | --- | |
| | | | | | White oak----- | --- | --- | |
| 22D2: Nester----- | Moderate | Poorly suited | Slight | Low | American basswood--- | --- | --- | Norway spruce, eastern white pine, red pine, white spruce. |
| | Slope/erodibility | Slope | | | American beech----- | --- | --- | |
| | | | | | Black cherry----- | --- | --- | |
| | | | | | Northern red oak---- | --- | --- | |
| | | | | | Quaking aspen----- | --- | --- | |
| | | | | | Sugar maple----- | 61 | 43 | |
| | | | | | White ash----- | --- | --- | |
| | | | | | White oak----- | --- | --- | |
| 22D3: Nester----- | Moderate | Poorly suited | Slight | Low | | --- | --- | --- |
| | Slope/erodibility | Slope | | | | | | |
| 22E: | | | | | | | | |

*See footnote at end of table.

Forestland Productivity and Management--Continued

| Map symbol and soil name | Erosion hazard potential | Site preparation limitations | Windthrow hazard potential | Potential Seedling Mortality | Potential productivity | | | Suggested trees to plant |
|--------------------------|--------------------------|------------------------------|----------------------------|------------------------------|------------------------|------------|-----------------------|--|
| | | | | | Common trees | Site index | Volume of wood fiber* | |
| Nester----- | Moderate | Poorly suited | Slight | Low | American basswood--- | --- | --- | Norway spruce, eastern white pine, red pine, white spruce. |
| | Slope/erodibility | Slope | | | American beech----- | --- | --- | |
| | | | | | Black cherry----- | --- | --- | |
| | | | | | Northern red oak---- | --- | --- | |
| | | | | | Quaking aspen----- | --- | --- | |
| | | | | | Sugar maple----- | 61 | 43 | |
| | | | | | White ash----- | --- | --- | |
| | White oak----- | --- | --- | | | | | |
| 22F: Nester----- | Severe | Unsuited | Slight | Low | American basswood--- | --- | --- | Norway spruce, eastern white pine, red pine, white spruce. |
| | Slope/erodibility | Slope | | | American beech----- | --- | --- | |
| | | | | | Black cherry----- | --- | --- | |
| | | | | | Northern red oak---- | --- | --- | |
| | | | | | Quaking aspen----- | --- | --- | |
| | | | | | Sugar maple----- | 61 | 43 | |
| | | | | | White ash----- | --- | --- | |
| | White oak----- | --- | --- | | | | | |
| 23B: Kawkawlin---- | Slight | Well suited | Moderate | High | American basswood--- | --- | --- | Norway spruce, eastern white pine, red pine, white spruce. |
| | | | Wetness | Wetness | Bigtooth aspen----- | --- | --- | |
| | | | | | Northern red oak---- | --- | --- | |
| | | | | | Quaking aspen----- | --- | --- | |
| | | | | | Red maple----- | --- | --- | |
| | | | | | Sugar maple----- | 60 | 43 | |
| | | | | | Swamp white oak---- | --- | --- | |
| | White ash----- | --- | --- | | | | | |
| 24: Sims----- | Slight | Well suited | Severe Wetness | High Wetness | American basswood--- | --- | --- | --- |
| | | | | | Balsam fir----- | --- | --- | |
| | | | | | Bigtooth aspen----- | 57 | 57 | |
| | | | | | Black spruce----- | --- | --- | |
| | | | | | Northern white-cedar | --- | --- | |
| | | | | | Quaking aspen----- | --- | --- | |
| | White ash----- | --- | --- | | | | | |
| 25B: | | | | | | | | |

*See footnote at end of table.

Forestland Productivity and Management--Continued

| Map symbol and soil name | Erosion hazard potential | Site preparation limitations | Windthrow hazard potential | Potential Seedling Mortality | Potential productivity | | | Suggested trees to plant |
|-----------------------------|--------------------------------|------------------------------------|----------------------------------|------------------------------------|------------------------|---------------|-----------------------------|---|
| | | | | | Common trees | Site index | Volume of wood fiber* | |
| Kent----- | Slight | Poorly suited | Slight | High | American basswood--- | 55 | 29 | Eastern white pine, white spruce. |
| | | Stickiness | Wetness | Wetness | American beech----- | --- | --- | |
| | | | | | American elm----- | --- | --- | |
| | | | | | Balsam fir----- | 54 | 100 | |
| | | | | | Eastern hemlock----- | --- | --- | |
| | | | | | Eastern white pine-- | --- | --- | |
| | | | | | Paper birch----- | 63 | 72 | |
| | | | | | Quaking aspen----- | --- | --- | |
| | | | | | Sugar maple----- | --- | --- | |
| | | | | | White spruce----- | 54 | 114 | |
| 25B2: Kent----- | Slight | Poorly suited | Slight | High | American basswood--- | 55 | 29 | Eastern white pine, white spruce. |
| | | Stickiness | Wetness | Wetness | American beech----- | --- | --- | |
| | | | | | American elm----- | --- | --- | |
| | | | | | Balsam fir----- | 54 | 100 | |
| | | | | | Eastern hemlock----- | --- | --- | |
| | | | | | Eastern white pine-- | --- | --- | |
| | | | | | Paper birch----- | 63 | 72 | |
| | | | | | Quaking aspen----- | --- | --- | |
| | | | | | Sugar maple----- | --- | --- | |
| | | | | | White spruce----- | 54 | 114 | |
| 25C: Kent----- | Slight | Poorly suited | Slight | Low | American basswood--- | 55 | 29 | Eastern white pine, white spruce. |
| | | Stickiness | | | American beech----- | --- | --- | |
| | | | | | American elm----- | --- | --- | |
| | | | | | Balsam fir----- | 54 | 100 | |
| | | | | | Eastern hemlock----- | --- | --- | |
| | | | | | Eastern white pine-- | --- | --- | |
| | | | | | Paper birch----- | 63 | 72 | |
| | | | | | Quaking aspen----- | --- | --- | |
| | | | | | Sugar maple----- | --- | --- | |
| | | | | | White spruce----- | 54 | 114 | |
| 25C2: Kent----- | Slight | Poorly suited | Slight | Low | American basswood--- | 55 | 29 | Eastern white pine, white spruce. |
| | | Stickiness | | | American beech----- | --- | --- | |
| | | | | | American elm----- | --- | --- | |
| | | | | | Balsam fir----- | 54 | 100 | |
| | | | | | Eastern hemlock----- | --- | --- | |
| | | | | | Eastern white pine-- | --- | --- | |
| | | | | | Paper birch----- | 63 | 72 | |
| | | | | | Quaking aspen----- | --- | --- | |
| | | | | | Sugar maple----- | --- | --- | |
| | | | | | White spruce----- | 54 | 114 | |
| 25D: | | | | | | | | |

*See footnote at end of table.

Forestland Productivity and Management--Continued

| Map symbol and soil name | Erosion hazard potential | Site preparation limitations | Windthrow hazard potential | Potential Seedling Mortality | Potential productivity | | | Suggested trees to plant |
|-----------------------------|--|------------------------------------|----------------------------------|------------------------------------|------------------------|---------------|-----------------------------|---|
| | | | | | Common trees | Site index | Volume of wood fiber* | |
| Kent----- | Moderate Slope/erod- ibility | Poorly suited Stickiness | Slight | Low | American basswood--- | 55 | 29 | Eastern white pine, white spruce. |
| | | | | | American beech----- | --- | --- | |
| | | | | | American elm----- | --- | --- | |
| | | | | | Balsam fir----- | 54 | 100 | |
| | | | | | Eastern hemlock----- | --- | --- | |
| | | | | | Eastern white pine-- | --- | --- | |
| | | | | | Paper birch----- | 63 | 72 | |
| | | | | | Quaking aspen----- | --- | --- | |
| 26B: Selkirk----- | Slight | Poorly suited Stickiness | Moderate | High | Balsam fir----- | --- | --- | Eastern white pine, northern white-cedar, white spruce. |
| | | | | | Eastern hemlock----- | 45 | 86 | |
| | | | | | Quaking aspen----- | 58 | 57 | |
| | | | | | Red maple----- | --- | --- | |
| | | | | | Sugar maple----- | --- | --- | |
| | | | | | White spruce----- | --- | --- | |
| | | | | | | | | |
| | | | | | | | | |
| 27: Pickford----- | Slight | Poorly suited Stickiness | Severe | High | Balsam fir----- | 45 | 86 | Eastern white pine, white spruce. |
| | | | | | Black ash----- | --- | --- | |
| | | | | | Eastern hemlock----- | --- | --- | |
| | | | | | Northern white-cedar | --- | --- | |
| | | | | | Paper birch----- | --- | --- | |
| | | | | | Quaking aspen----- | --- | --- | |
| | | | | | White spruce----- | 45 | 86 | |
| 28: Udorthents---- | Slight | Well suited | Slight | Low | | --- | | --- |
| 29: Udipsamments-- | Slight | Well suited | Slight | Low | | --- | | --- |
| 30B: Isabella----- | Slight | Well suited | Slight | Low | American basswood--- | --- | --- | Norway spruce, red pine, white spruce. |
| | | | | | American beech----- | --- | --- | |
| | | | | | Bigtooth aspen----- | 85 | 100 | |
| | | | | | Eastern white pine-- | --- | --- | |
| | | | | | Paper birch----- | --- | --- | |
| | | | | | Red maple----- | --- | --- | |
| | | | | | Sugar maple----- | --- | --- | |
| | | | | | White oak----- | --- | --- | |
| 30C: | | | | | | | | |

*See footnote at end of table.

Forestland Productivity and Management--Continued

| Map symbol and soil name | Erosion hazard potential | Site preparation limitations | Windthrow hazard potential | Potential Seedling Mortality | Potential productivity | | | Suggested trees to plant |
|--------------------------|--------------------------|------------------------------|--|------------------------------|------------------------|------------|-----------------------|---|
| | | | | | Common trees | Site index | Volume of wood fiber* | |
| Isabella----- | Slight | Well suited | Slight | Low | American basswood--- | --- | --- | Norway spruce, red pine, white spruce. |
| | | | | | American beech----- | --- | --- | |
| | | | | | Bigtooth aspen----- | 85 | 100 | |
| | | | | | Eastern white pine-- | --- | --- | |
| | | | | | Paper birch----- | --- | --- | |
| | | | | | Red maple----- | --- | --- | |
| | | | | | Sugar maple----- | --- | --- | |
| | | | | | White oak----- | --- | --- | |
| 30D: Isabella----- | Moderate | Poorly suited | Slight | Low | American basswood--- | --- | --- | Norway spruce, red pine, white spruce. |
| | Slope/erodibility | Slope | | | American beech----- | --- | --- | |
| | | | | | Bigtooth aspen----- | 85 | 100 | |
| | | | | | Eastern white pine-- | --- | --- | |
| | | | | | Paper birch----- | --- | --- | |
| | | | | | Red maple----- | --- | --- | |
| | | | | | Sugar maple----- | --- | --- | |
| | | | | | White oak----- | --- | --- | |
| 30E: Isabella----- | Moderate | Poorly suited | Slight | Low | American basswood--- | --- | --- | Norway spruce, red pine, white spruce. |
| | Slope/erodibility | Slope | | | American beech----- | --- | --- | |
| | | | | | Bigtooth aspen----- | 85 | 100 | |
| | | | | | Eastern white pine-- | --- | --- | |
| | | | | | Paper birch----- | --- | --- | |
| | | | | | Red maple----- | --- | --- | |
| | | | | | Sugar maple----- | --- | --- | |
| | | | | | White oak----- | --- | --- | |
| 32: Angelica----- | Slight | Well suited | Severe Wetness Rooting depth limitation (severe) | High Wetness | Balsam fir----- | 54 | 100 | White spruce. |
| | | | | | Black ash----- | --- | --- | |
| | | | | | Northern white-cedar | --- | --- | |
| | | | | | Paper birch----- | --- | --- | |
| | | | | | Quaking aspen----- | 60 | 57 | |
| | | | | | Yellow birch----- | --- | --- | |
| 36B: Alcona----- | Slight | Well suited | Slight | Low | American basswood--- | --- | --- | Eastern white pine, red pine, white spruce. |
| | | | | | American beech----- | --- | --- | |
| | | | | | Eastern white pine-- | --- | --- | |
| | | | | | Northern red oak---- | --- | --- | |
| | | | | | Red maple----- | --- | --- | |
| | | | | | Red pine----- | --- | --- | |
| | | | | | Sugar maple----- | 61 | 43 | |
| | | | | | White ash----- | --- | --- | |
| | | | | | Yellow birch----- | --- | --- | |
| 37A: | | | | | | | | |

*See footnote at end of table.

Forestland Productivity and Management--Continued

| Map symbol and soil name | Erosion hazard potential | Site preparation limitations | Windthrow hazard potential | Potential Seedling Mortality | Potential productivity | | | Suggested trees to plant |
|--------------------------|--------------------------|------------------------------|----------------------------|---|------------------------|------------|-----------------------|--|
| | | | | | Common trees | Site index | Volume of wood fiber* | |
| Ingalls----- | Slight | Unsuited | Moderate | High | Balsam fir----- | --- | --- | Eastern white pine, northern white-cedar, white ash, white spruce. |
| | | Wetness | Wetness | Wetness | Eastern hemlock----- | --- | --- | |
| | | | | | Jack pine----- | --- | --- | |
| | | | | | Northern pin oak----- | --- | --- | |
| | | | | | Northern white-cedar | --- | --- | |
| | | | | | Paper birch----- | --- | --- | |
| | | | | | Quaking aspen----- | 60 | 57 | |
| | | | | | Red maple----- | --- | --- | |
| | | | | | Sugar maple----- | --- | --- | |
| | | | | | White ash----- | --- | --- | |
| 38: Tonkey----- | Slight | Unsuited Wetness | Severe Wetness | High Wetness | American basswood--- | 55 | 43 | --- |
| | | | | | American elm----- | --- | --- | |
| | | | | | Balsam fir----- | --- | --- | |
| | | | | | Northern white-cedar | --- | --- | |
| | | | | | Quaking aspen----- | 61 | 72 | |
| | | | | | Red maple----- | --- | --- | |
| 39: Pits----- | Not rated | Not rated | Not rated | Not rated Horizon table contains no data | Swamp white oak----- | --- | --- | --- |
| | | | | | | | | |
| 42C: Nester----- | Slight | Well suited | Slight | Low | American basswood--- | --- | --- | Norway spruce, eastern white pine, red pine, white spruce. |
| | | | | | American beech----- | --- | --- | |
| | | | | | Black cherry----- | --- | --- | |
| | | | | | Northern red oak----- | --- | --- | |
| | | | | | Quaking aspen----- | --- | --- | |
| | | | | | Sugar maple----- | 61 | 43 | |
| | | | | | White ash----- | --- | --- | |
| | | | | | White oak----- | --- | --- | |
| Mancelona----- | Slight | Well suited | Slight | Low | Eastern white pine-- | --- | --- | Eastern white pine, jack pine, red pine. |
| | | | | | Jack pine----- | --- | --- | |
| | | | | | Northern red oak----- | --- | --- | |
| | | | | | Red pine----- | --- | --- | |
| | | | | | Sugar maple----- | 58 | 43 | |
| | | | | | Yellow birch----- | --- | --- | |
| 43B: | | | | | | | | |

*See footnote at end of table.

Forestland Productivity and Management--Continued

| Map symbol and soil name | Erosion hazard potential | Site preparation limitations | Windthrow hazard potential | Potential Seedling Mortality | Potential productivity | | | Suggested trees to plant |
|--|--------------------------|------------------------------|----------------------------|------------------------------|------------------------|------------|-----------------------|--|
| | | | | | Common trees | Site index | Volume of wood fiber* | |
| East Lake----- | Slight | Well suited | Slight | Low | Jack pine----- | --- | --- | Eastern white pine, jack pine, red pine. |
| | | | | | Northern red oak---- | --- | --- | |
| | | | | | Paper birch----- | --- | --- | |
| | | | | | Quaking aspen----- | --- | --- | |
| | | | | | Red maple----- | 53 | 29 | |
| | | | | | Red pine----- | 55 | 86 | |
| 44B: Croswell, loamy substratum-- | Slight | Well suited | Slight | High | American basswood--- | --- | --- | Eastern white pine, jack pine, red pine. |
| | | | Wetness | Wetness | Bigtooth aspen----- | --- | --- | |
| | | | | | Eastern white pine-- | --- | --- | |
| | | | | | Jack pine----- | --- | --- | |
| | | | | | Northern pin oak---- | --- | --- | |
| | | | | | Northern red oak---- | --- | --- | |
| | | | | | Paper birch----- | --- | --- | |
| | | | | | Quaking aspen----- | --- | --- | |
| | | | | | Red maple----- | --- | --- | |
| | | | | | Red pine----- | 60 | 100 | |
| 45: Wheatley----- | Slight | Unsuited | Severe | High | Balsam fir----- | 40 | 72 | Norway spruce, eastern white pine, white spruce. |
| | | Wetness | Wetness | Wetness | Black spruce----- | 15 | 29 | |
| | | | | | Eastern hemlock----- | --- | --- | |
| | | | | | Northern white-cedar | 15 | 43 | |
| | | | | | Quaking aspen----- | 45 | 29 | |
| | | | | | Red maple----- | 40 | 29 | |
| 46B: Mancelona----- | Slight | Well suited | Slight | Low | Eastern white pine-- | --- | --- | Eastern white pine, jack pine, red pine. |
| | | | | | Jack pine----- | --- | --- | |
| | | | | | Northern red oak---- | --- | --- | |
| | | | | | Red pine----- | --- | --- | |
| | | | | | Sugar maple----- | 58 | 43 | |
| | | | | | Yellow birch----- | --- | --- | |
| 46C: Mancelona----- | Moderate | Well suited | Slight | Low | Eastern white pine-- | --- | --- | Eastern white pine, jack pine, red pine. |
| | | | | | Jack pine----- | --- | --- | |
| | | | | | Northern red oak---- | --- | --- | |
| | | | | | Red pine----- | --- | --- | |
| | | | | | Sugar maple----- | 58 | 43 | |
| | | | | | Yellow birch----- | --- | --- | |
| 46E: | | | | | | | | |

*See footnote at end of table.

Forestland Productivity and Management--Continued

| Map symbol and soil name | Erosion hazard potential | Site preparation limitations | Windthrow hazard potential | Potential Seedling Mortality | Potential productivity | | | Suggested trees to plant |
|--------------------------|--------------------------|------------------------------|----------------------------|------------------------------|------------------------|------------|-----------------------|--|
| | | | | | Common trees | Site index | Volume of wood fiber* | |
| Mancelona----- | Moderate | Poorly suited | Slight | Low | Eastern white pine-- | --- | --- | Eastern white pine, jack pine, red pine. |
| | Slope/erodibility | Slope | | | Jack pine----- | --- | --- | |
| | | | | | Northern red oak---- | --- | --- | |
| | | | | | Red pine----- | --- | --- | |
| | | | | | Sugar maple----- | 58 | 43 | |
| 46F: Mancelona----- | Severe | Unsuited | Slight | Low | Eastern white pine-- | --- | --- | Eastern white pine, jack pine, red pine. |
| | Slope/erodibility | Slope | | | Jack pine----- | --- | --- | |
| | | | | | Northern red oak---- | --- | --- | |
| | | | | | Red pine----- | --- | --- | |
| | | | | | Sugar maple----- | 58 | 43 | |
| 47A: Gladwin----- | Slight | Unsuited | Moderate | High | Balsam fir----- | --- | --- | Eastern white pine, white spruce. |
| | | Wetness | Wetness | Wetness | Bigtooth aspen----- | --- | --- | |
| | | | | | Eastern white pine-- | 55 | 100 | |
| | | | | | Paper birch----- | 69 | 86 | |
| | | | | | Quaking aspen----- | 68 | 72 | |
| | | | | | Red maple----- | --- | --- | |
| | | | | | White oak----- | 55 | 43 | |
| | | | | | White spruce----- | --- | --- | |
| 48: Epoufette----- | Slight | Unsuited Wetness | Severe Wetness | High Wetness | Balsam fir----- | --- | --- | --- |
| | | | | | Black spruce----- | 46 | 43 | |
| | | | | | Northern white-cedar | --- | --- | |
| | | | | | Quaking aspen----- | 45 | 29 | |
| | | | | | Red maple----- | 42 | 29 | |
| 49A: Colonville---- | Slight | Unsuited | Moderate | High | American basswood--- | 65 | 57 | Norway spruce, eastern white pine, northern red oak, northern white-cedar, white spruce. |
| | | Wetness | Wetness | Wetness | Balsam fir----- | 61 | 114 | |
| | | | | | Northern white-cedar | 45 | 72 | |
| | | | | | Quaking aspen----- | --- | --- | |
| | | | | | Red maple----- | 61 | 43 | |
| | | | | | Swamp white oak----- | 66 | 43 | |
| | | | | | White ash----- | 65 | 57 | |
| | | | | | | | | |
| 50B: | | | | | | | | |

*See footnote at end of table.

Forestland Productivity and Management--Continued

| Map symbol and soil name | Erosion hazard potential | Site preparation limitations | Windthrow hazard potential | Potential Seedling Mortality | Potential productivity | | | Suggested trees to plant |
|--------------------------|--------------------------|------------------------------|----------------------------|------------------------------|------------------------|------------|-----------------------|---|
| | | | | | Common trees | Site index | Volume of wood fiber* | |
| Menominee----- | Slight | Well suited | Slight | Low | American basswood---- | --- | --- | Eastern white pine, red pine, white spruce. |
| | | | | | Bigtooth aspen----- | 76 | 86 | |
| | | | | | Black cherry----- | --- | --- | |
| | | | | | Northern red oak---- | 63 | 57 | |
| | | | | | Paper birch----- | --- | --- | |
| | | | | | Quaking aspen----- | 74 | 86 | |
| | | | | | Red pine----- | 62 | 114 | |
| | | | | | Sugar maple----- | --- | --- | |
| | | | | | White ash----- | 77 | 72 | |
| | | | | | Yellow birch----- | --- | --- | |
| 50C: Menominee----- | Slight | Well suited | Slight | Low | American basswood---- | --- | --- | Eastern white pine, red pine, white spruce. |
| | | | | | Bigtooth aspen----- | 76 | 86 | |
| | | | | | Black cherry----- | --- | --- | |
| | | | | | Northern red oak---- | 63 | 57 | |
| | | | | | Paper birch----- | --- | --- | |
| | | | | | Quaking aspen----- | 74 | 86 | |
| | | | | | Red pine----- | 62 | 114 | |
| | | | | | Sugar maple----- | --- | --- | |
| | | | | | White ash----- | 77 | 72 | |
| | | | | | Yellow birch----- | --- | --- | |
| 50D: Menominee----- | Moderate | Poorly suited | Slight | Low | American basswood---- | --- | --- | Eastern white pine, red pine, white spruce. |
| | | | | | Bigtooth aspen----- | 76 | 86 | |
| | | | | | Black cherry----- | --- | --- | |
| | | | | | Northern red oak---- | 63 | 57 | |
| | | | | | Paper birch----- | --- | --- | |
| | | | | | Quaking aspen----- | 74 | 86 | |
| | | | | | Red pine----- | 62 | 114 | |
| | | | | | Sugar maple----- | --- | --- | |
| | | | | | White ash----- | 77 | 72 | |
| | | | | | Yellow birch----- | --- | --- | |
| 50E: Menominee----- | Moderate | Poorly suited | Slight | Low | American basswood---- | --- | --- | Eastern white pine, red pine, white spruce. |
| | | | | | Bigtooth aspen----- | 76 | 86 | |
| | | | | | Black cherry----- | --- | --- | |
| | | | | | Northern red oak---- | 63 | 57 | |
| | | | | | Paper birch----- | --- | --- | |
| | | | | | Quaking aspen----- | 74 | 86 | |
| | | | | | Red pine----- | 62 | 114 | |
| | | | | | Sugar maple----- | --- | --- | |
| | | | | | White ash----- | 77 | 72 | |
| | | | | | Yellow birch----- | --- | --- | |
| 51B: | | | | | | | | |

*See footnote at end of table.

Forestland Productivity and Management--Continued

| Map symbol and soil name | Erosion hazard potential | Site preparation limitations | Windthrow hazard potential | Potential Seedling Mortality | Potential productivity | | | Suggested trees to plant |
|--------------------------|--------------------------|------------------------------|----------------------------|------------------------------|------------------------|------------|-----------------------|---|
| | | | | | Common trees | Site index | Volume of wood fiber* | |
| Iosco----- | Slight | Unsuited | Moderate | High | Balsam fir----- | 55 | 114 | Eastern white pine, white spruce. |
| | | Wetness | Wetness | Wetness | Eastern white pine-- | --- | --- | |
| | | | | | Northern pin oak---- | --- | --- | |
| | | | | | Paper birch----- | 58 | 57 | |
| | | | | | Quaking aspen----- | 65 | 72 | |
| | | | | | Red maple----- | --- | --- | |
| | | | | | White ash----- | --- | --- | |
| | | | | | White spruce----- | --- | --- | |
| | | | | | Yellow birch----- | --- | --- | |
| 52: Brevort----- | Slight | Unsuited | Severe | High | American basswood--- | --- | --- | Eastern white pine, northern white-cedar. |
| | | Wetness | Wetness | Wetness | Balsam fir----- | --- | --- | |
| | | | | | Black spruce----- | 15 | 29 | |
| | | | | | Northern white-cedar | --- | --- | |
| | | | | | Quaking aspen----- | 40 | 29 | |
| | | | | | Red maple----- | --- | --- | |
| 53B: Manistee----- | Slight | Well suited | Slight | Low | American basswood--- | --- | --- | Eastern white pine, red pine. |
| | | | | | Bigtooth aspen----- | 74 | 86 | |
| | | | | | Eastern hemlock----- | --- | --- | |
| | | | | | Eastern white pine-- | --- | --- | |
| | | | | | Northern red oak---- | 56 | 43 | |
| | | | | | Red maple----- | --- | --- | |
| | | | | | Red pine----- | --- | --- | |
| | | | | | Sugar maple----- | 67 | 43 | |
| | | | | | White ash----- | --- | --- | |
| 53C: Manistee----- | Slight | Well suited | Slight | Low | American basswood--- | --- | --- | Eastern white pine, red pine. |
| | | | | | Bigtooth aspen----- | 74 | 86 | |
| | | | | | Eastern hemlock----- | --- | --- | |
| | | | | | Eastern white pine-- | --- | --- | |
| | | | | | Northern red oak---- | 56 | 43 | |
| | | | | | Red maple----- | --- | --- | |
| | | | | | Red pine----- | --- | --- | |
| | | | | | Sugar maple----- | 67 | 43 | |
| | | | | | White ash----- | --- | --- | |
| 53D: Manistee----- | Moderate | Poorly suited | Slight | Low | American basswood--- | --- | --- | Eastern white pine, red pine. |
| | Slope/erodibility | Slope | | | Bigtooth aspen----- | 74 | 86 | |
| | | | | | Eastern hemlock----- | --- | --- | |
| | | | | | Eastern white pine-- | --- | --- | |
| | | | | | Northern red oak---- | 56 | 43 | |
| | | | | | Red maple----- | --- | --- | |
| | | | | | Red pine----- | --- | --- | |
| | | | | | Sugar maple----- | 67 | 43 | |
| | | | | | White ash----- | --- | --- | |
| 54B: | | | | | | | | |

*See footnote at end of table.

Forestland Productivity and Management--Continued

| Map symbol and soil name | Erosion hazard potential | Site preparation limitations | Windthrow hazard potential | Potential Seedling Mortality | Potential productivity | | | Suggested trees to plant |
|-----------------------------|--------------------------------|------------------------------------|----------------------------------|------------------------------------|------------------------|---------------|-----------------------------|---|
| | | | | | Common trees | Site index | Volume of wood fiber* | |
| Allendale---- | Slight | Well suited | Moderate | High | Balsam fir----- | --- | --- | Eastern white pine, white spruce. |
| | | | Wetness | Wetness | Eastern white pine-- | --- | --- | |
| | | | | | Paper birch----- | --- | --- | |
| | | | | | Quaking aspen----- | 60 | 57 | |
| | | | | | Red maple----- | --- | --- | |
| | | | | | White ash----- | --- | --- | |
| | | | | | White spruce----- | --- | --- | |
| 57A: Belding----- | Slight | Well suited | Moderate | High | American basswood--- | 55 | 43 | Eastern white pine, white spruce. |
| | | | Wetness | Wetness | American elm----- | --- | --- | |
| | | | | | Black ash----- | --- | --- | |
| | | | | | Eastern white pine-- | --- | --- | |
| | | | | | Northern red oak---- | 55 | 43 | |
| | | | | | Quaking aspen----- | --- | --- | |
| | | | | | Red maple----- | 55 | 29 | |
| | | | | | Sugar maple----- | 54 | 29 | |
| | | | | | Swamp white oak---- | --- | --- | |
| | | | | | White ash----- | --- | --- | |
| 63: Evart----- | Slight | Unsuited | Severe | High | Balsam fir----- | 40 | 72 | Black spruce, tamarack. |
| | | Wetness | Wetness | Wetness | Black spruce----- | 15 | 29 | |
| | | | | | Northern white-cedar | 15 | 29 | |
| | | | | | Quaking aspen----- | 45 | 29 | |
| | | | | | Red maple----- | 40 | 29 | |
| | | | | | Swamp white oak---- | --- | --- | |
| | | | | | Tamarack----- | 35 | 29 | |
| 64B: Melita----- | Slight | Well suited | Slight | Low | American basswood--- | --- | --- | Eastern white pine, red pine. |
| | | | | | American beech----- | --- | --- | |
| | | | | | Black cherry----- | --- | --- | |
| | | | | | Eastern white pine-- | --- | --- | |
| | | | | | Quaking aspen----- | --- | --- | |
| | | | | | Red maple----- | --- | --- | |
| | | | | | Red pine----- | --- | --- | |
| | | | | | Sugar maple----- | 61 | 43 | |
| | | | | | Yellow birch----- | --- | --- | |
| 64C: Melita----- | Moderate | Well suited | Slight | Low | American basswood--- | --- | --- | Eastern white pine, red pine. |
| | | | | | American beech----- | --- | --- | |
| | | | | | Black cherry----- | --- | --- | |
| | | | | | Eastern white pine-- | --- | --- | |
| | | | | | Quaking aspen----- | --- | --- | |
| | | | | | Red maple----- | --- | --- | |
| | | | | | Red pine----- | --- | --- | |
| | | | | | Sugar maple----- | 61 | 43 | |
| | | | | | Yellow birch----- | --- | --- | |
| 65: | | | | | | | | |

*See footnote at end of table.

Forestland Productivity and Management--Continued

| Map symbol and soil name | Erosion hazard potential | Site preparation limitations | Windthrow hazard potential | Potential Seedling Mortality | Potential productivity | | | Suggested trees to plant |
|-----------------------------|--------------------------------|------------------------------------|----------------------------------|------------------------------------|---|---|---|-----------------------------|
| | | | | | Common trees | Site index | Volume of wood fiber* | |
| Arnheim----- | Slight | Unsuited Wetness | Severe Wetness | High Wetness | American elm----- Balsam fir----- Black spruce----- Northern white-cedar Paper birch----- Quaking aspen----- Red maple----- Tamarack----- White spruce----- | --- --- --- --- --- --- --- 38 | --- --- --- --- --- --- --- 72 | --- |
| 70: Loxley----- | Slight | Unsuited Wetness | Severe Wetness | High Wetness | Balsam fir----- Black spruce----- Tamarack----- | --- 15 --- | --- 29 --- | --- |
| 71: Dawson----- | Slight | Unsuited Wetness | Severe Wetness | High Wetness | Black spruce----- Tamarack----- | 15 --- | 29 --- | --- |
| 74: Cathro----- | Slight | Unsuited Wetness | Severe Wetness | High Wetness | Balsam fir----- Black spruce----- Northern white-cedar Paper birch----- Red maple----- Tamarack----- White spruce----- | 40 15 15 --- 40 35 --- | 72 29 29 --- 29 29 --- | White spruce. |
| 76: Lupton----- | Slight | Unsuited Wetness | Severe Wetness | High Wetness | Balsam fir----- Black ash----- Black spruce----- Northern white-cedar Paper birch----- Quaking aspen----- Red maple----- Tamarack----- White spruce----- | 46 --- 20 --- --- --- --- --- --- | 86 --- 29 --- --- --- --- --- --- | --- |
| 77: Tawas----- | Slight | Unsuited Wetness | Severe Wetness | High Wetness | Balsam fir----- Black ash----- Northern white-cedar Quaking aspen----- Red maple----- | 40 --- --- --- --- | 72 --- --- --- --- | --- |
| 78: Rondeau----- | Slight | Unsuited Wetness | Severe Wetness | High Wetness | | --- | | --- |
| 79: Grousehaven--- | Slight | Unsuited Wetness | Severe Wetness | High Wetness | | --- | | --- |
| 82B: | | | | | | | | |

*See footnote at end of table.

Forestland Productivity and Management--Continued

| Map symbol and soil name | Erosion hazard potential | Site preparation limitations | Windthrow hazard potential | Potential Seedling Mortality | Potential productivity | | | Suggested trees to plant |
|-----------------------------|--------------------------------|------------------------------------|----------------------------------|------------------------------------|------------------------|---------------|-----------------------------|--|
| | | | | | Common trees | Site index | Volume of wood fiber* | |
| Nester----- | Slight | Well suited | Slight | Low | American basswood--- | --- | --- | Norway spruce, eastern white pine, red pine, white spruce. |
| | | | | | American beech----- | --- | --- | |
| | | | | | Black cherry----- | --- | --- | |
| | | | | | Northern red oak---- | --- | --- | |
| | | | | | Quaking aspen----- | --- | --- | |
| | | | | | Sugar maple----- | 61 | 43 | |
| | | | | | White ash----- | --- | --- | |
| Manistee----- | Slight | Well suited | Slight | Low | American basswood--- | --- | --- | Eastern white pine, red pine. |
| | | | | | Bigtooth aspen----- | 74 | 86 | |
| | | | | | Eastern hemlock----- | --- | --- | |
| | | | | | Eastern white pine-- | --- | --- | |
| | | | | | Northern red oak---- | 56 | 43 | |
| | | | | | Red maple----- | --- | --- | |
| | | | | | Red pine----- | --- | --- | |
| 82C: Nester----- | Slight | Well suited | Slight | Low | American basswood--- | --- | --- | Norway spruce, eastern white pine, red pine, white spruce. |
| | | | | | American beech----- | --- | --- | |
| | | | | | Black cherry----- | --- | --- | |
| | | | | | Northern red oak---- | --- | --- | |
| | | | | | Quaking aspen----- | --- | --- | |
| | | | | | Sugar maple----- | 61 | 43 | |
| | | | | | White ash----- | --- | --- | |
| Manistee----- | Slight | Well suited | Slight | Low | American basswood--- | --- | --- | Eastern white pine, red pine. |
| | | | | | Bigtooth aspen----- | 74 | 86 | |
| | | | | | Eastern hemlock----- | --- | --- | |
| | | | | | Eastern white pine-- | --- | --- | |
| | | | | | Northern red oak---- | 56 | 43 | |
| | | | | | Red maple----- | --- | --- | |
| | | | | | Red pine----- | --- | --- | |
| 82D: | | | | | Sugar maple----- | 67 | 43 | |
| | | | | | White ash----- | --- | --- | |
| | | | | | | | | |

*See footnote at end of table.

Forestland Productivity and Management--Continued

| Map symbol and soil name | Erosion hazard potential | Site preparation limitations | Windthrow hazard potential | Potential Seedling Mortality | Potential productivity | | | Suggested trees to plant |
|--------------------------|--------------------------|------------------------------|----------------------------|------------------------------|------------------------|------------|-----------------------|--|
| | | | | | Common trees | Site index | Volume of wood fiber* | |
| Nester----- | Moderate | Poorly suited | Slight | Low | American basswood--- | --- | --- | Norway spruce, eastern white pine, red pine, white spruce. |
| | Slope/erodibility | Slope | | | American beech----- | --- | --- | |
| | | | | | Black cherry----- | --- | --- | |
| | | | | | Northern red oak---- | --- | --- | |
| | | | | | Quaking aspen----- | --- | --- | |
| | | | | | Sugar maple----- | 61 | 43 | |
| | | | | | White ash----- | --- | --- | |
| Manistee----- | Moderate | Poorly suited | Slight | Low | American basswood--- | --- | --- | Eastern white pine, red pine. |
| | Slope/erodibility | Slope | | | Bigtooth aspen----- | 74 | 86 | |
| | | | | | Eastern hemlock----- | --- | --- | |
| | | | | | Eastern white pine-- | --- | --- | |
| | | | | | Northern red oak---- | 56 | 43 | |
| | | | | | Red maple----- | --- | --- | |
| | | | | | Red pine----- | --- | --- | |
| 82E: Nester----- | Moderate | Poorly suited | Slight | Low | American basswood--- | --- | --- | Norway spruce, eastern white pine, red pine, white spruce. |
| | Slope/erodibility | Slope | | | American beech----- | --- | --- | |
| | | | | | Black cherry----- | --- | --- | |
| | | | | | Northern red oak---- | --- | --- | |
| | | | | | Quaking aspen----- | --- | --- | |
| | | | | | Sugar maple----- | 61 | 43 | |
| | | | | | White ash----- | --- | --- | |
| Manistee----- | Moderate | Poorly suited | Slight | Low | American basswood--- | --- | --- | Eastern white pine, red pine. |
| | Slope/erodibility | Slope | | | Bigtooth aspen----- | 74 | 86 | |
| | | | | | Eastern hemlock----- | --- | --- | |
| | | | | | Eastern white pine-- | --- | --- | |
| | | | | | Northern red oak---- | 56 | 43 | |
| | | | | | Red maple----- | --- | --- | |
| | | | | | Red pine----- | --- | --- | |
| 83B: Rubicon----- | Slight | Well suited | Slight | Low | Sugar maple----- | 67 | 43 | Eastern white pine, jack pine, red pine. |
| | | | | | White ash----- | --- | --- | |
| | | | | | Bigtooth aspen----- | 75 | 86 | |
| | | | | | Red pine----- | --- | --- | |

*See footnote at end of table.

Forestland Productivity and Management--Continued

| Map symbol and soil name | Erosion hazard potential | Site preparation limitations | Windthrow hazard potential | Potential Seedling Mortality | Potential productivity | | | Suggested trees to plant |
|--------------------------|--------------------------|------------------------------|----------------------------|------------------------------|------------------------|------------|-----------------------|---|
| | | | | | Common trees | Site index | Volume of wood fiber* | |
| Menominee----- | Slight | Well suited | Slight | Low | American basswood--- | --- | --- | Eastern white pine, red pine, white spruce. |
| | | | | | Bigtooth aspen----- | 76 | 86 | |
| | | | | | Black cherry----- | --- | --- | |
| | | | | | Northern red oak---- | 63 | 57 | |
| | | | | | Paper birch----- | --- | --- | |
| | | | | | Quaking aspen----- | 74 | 86 | |
| | | | | | Red pine----- | 62 | 114 | |
| | | | | | Sugar maple----- | --- | --- | |
| | | | | | White ash----- | 77 | 72 | |
| | | | | | Yellow birch----- | --- | --- | |
| 83C: Rubicon----- | Moderate | Well suited | Slight | Low | Bigtooth aspen----- | 75 | 86 | Eastern white pine, jack pine, red pine. |
| | | | | | Red pine----- | --- | --- | |
| Menominee----- | Moderate | Well suited | Slight | Low | American basswood--- | --- | --- | Eastern white pine, red pine, white spruce. |
| | | | | | Bigtooth aspen----- | 76 | 86 | |
| | | | | | Black cherry----- | --- | --- | |
| | | | | | Northern red oak---- | 63 | 57 | |
| | | | | | Paper birch----- | --- | --- | |
| | | | | | Quaking aspen----- | 74 | 86 | |
| | | | | | Red pine----- | 62 | 114 | |
| | | | | | Sugar maple----- | --- | --- | |
| | | | | | White ash----- | 77 | 72 | |
| | | | | | Yellow birch----- | --- | --- | |
| 83E: Rubicon----- | Moderate | Poorly suited | Slight | Low | Bigtooth aspen----- | 75 | 86 | Eastern white pine, jack pine, red pine. |
| | | | | | Red pine----- | --- | --- | |
| Menominee----- | Moderate | Poorly suited | Slight | Low | American basswood--- | --- | --- | Eastern white pine, red pine, white spruce. |
| | | | | | Bigtooth aspen----- | 76 | 86 | |
| | | | | | Black cherry----- | --- | --- | |
| | | | | | Northern red oak---- | 63 | 57 | |
| | | | | | Paper birch----- | --- | --- | |
| | | | | | Quaking aspen----- | 74 | 86 | |
| | | | | | Red pine----- | 62 | 114 | |
| | | | | | Sugar maple----- | --- | --- | |
| | | | | | White ash----- | 77 | 72 | |
| | | | | | Yellow birch----- | --- | --- | |
| 85B: | | | | | | | | |

*See footnote at end of table.

Forestland Productivity and Management--Continued

| Map symbol and soil name | Erosion hazard potential | Site preparation limitations | Windthrow hazard potential | Potential Seedling Mortality | Potential productivity | | | Suggested trees to plant |
|--------------------------|--------------------------|------------------------------|----------------------------|------------------------------|------------------------|------------|-----------------------|--|
| | | | | | Common trees | Site index | Volume of wood fiber* | |
| Kent----- | Slight | Poorly suited | Slight | High | American basswood--- | 55 | 29 | Eastern white pine, white spruce. |
| | | Stickiness | Wetness | Wetness | American beech----- | --- | --- | |
| | | | | | American elm----- | --- | --- | |
| | | | | | Balsam fir----- | 54 | 100 | |
| | | | | | Eastern hemlock----- | --- | --- | |
| | | | | | Eastern white pine-- | --- | --- | |
| | | | | | Paper birch----- | 63 | 72 | |
| | | | | | Quaking aspen----- | --- | --- | |
| | | | | | Sugar maple----- | --- | --- | |
| Selkirk----- | Slight | Poorly suited | Moderate | High | Balsam fir----- | --- | --- | Eastern white pine, northern white-cedar, white spruce. |
| | | Stickiness | Wetness | Wetness | Eastern hemlock----- | 45 | 86 | |
| | | | | | Quaking aspen----- | 58 | 57 | |
| | | | | | Red maple----- | --- | --- | |
| | | | | | Sugar maple----- | --- | --- | |
| | | | | | White spruce----- | --- | --- | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| 86C: Nester----- | Slight | Well suited | Slight | Low | American basswood--- | --- | --- | Norway spruce, eastern white pine, red pine, white spruce. |
| | | | | | American beech----- | --- | --- | |
| | | | | | Black cherry----- | --- | --- | |
| | | | | | Northern red oak---- | --- | --- | |
| | | | | | Quaking aspen----- | --- | --- | |
| | | | | | Sugar maple----- | 61 | 43 | |
| | | | | | White ash----- | --- | --- | |
| | | | | | White oak----- | --- | --- | |
| | | | | | | | | |
| Graycalm----- | Slight | Well suited | Slight | Low | Bigtooth aspen----- | 70 | 86 | Eastern white pine, red pine. |
| | | | | | Eastern white pine-- | --- | --- | |
| | | | | | Jack pine----- | 56 | 86 | |
| | | | | | Northern red oak---- | 62 | 57 | |
| | | | | | Paper birch----- | --- | --- | |
| | | | | | Quaking aspen----- | 60 | 57 | |
| | | | | | Red pine----- | 61 | 100 | |
| | | | | | | | | |
| | | | | | | | | |
| 86D: Nester----- | Moderate | Poorly suited | Slight | Low | American basswood--- | --- | --- | Norway spruce, eastern white pine, red pine, white spruce. |
| | | Slope/erodibility | Slope | | American beech----- | --- | --- | |
| | | | | | Black cherry----- | --- | --- | |
| | | | | | Northern red oak---- | --- | --- | |
| | | | | | Quaking aspen----- | --- | --- | |
| | | | | | Sugar maple----- | 61 | 43 | |
| | | | | | White ash----- | --- | --- | |
| | | | | | White oak----- | --- | --- | |
| | | | | | | | | |

*See footnote at end of table.

Forestland Productivity and Management--Continued

| Map symbol and soil name | Erosion hazard potential | Site preparation limitations | Windthrow hazard potential | Potential Seedling Mortality | Potential productivity | | | Suggested trees to plant |
|--------------------------|--------------------------|------------------------------|----------------------------|------------------------------|------------------------|------------|-----------------------|--|
| | | | | | Common trees | Site index | Volume of wood fiber* | |
| Graycalm----- | Moderate | Poorly suited | Slight | Low | Bigtooth aspen----- | 70 | 86 | Eastern white pine, red pine. |
| | Slope/erodibility | Slope | | | Eastern white pine-- | --- | --- | |
| | | | | | Jack pine----- | 56 | 86 | |
| | | | | | Northern red oak---- | 62 | 57 | |
| | | | | | Paper birch----- | --- | --- | |
| | | | | | Quaking aspen----- | 60 | 57 | |
| 86E: Nester----- | Moderate | Poorly suited | Slight | Low | Red pine----- | 61 | 100 | Norway spruce, eastern white pine, red pine, white spruce. |
| | | | | | American basswood--- | --- | --- | |
| | Slope/erodibility | Slope | | | American beech----- | --- | --- | |
| | | | | | Black cherry----- | --- | --- | |
| | | | | | Northern red oak---- | --- | --- | |
| | | | | | Quaking aspen----- | --- | --- | |
| Graycalm----- | Moderate | Poorly suited | Slight | Low | Sugar maple----- | 61 | 43 | Eastern white pine, red pine. |
| | Slope/erodibility | Slope | | | White ash----- | --- | --- | |
| | | | | | White oak----- | --- | --- | |
| | | | | | Bigtooth aspen----- | 70 | 86 | |
| | | | | | Eastern white pine-- | --- | --- | |
| | | | | | Jack pine----- | 56 | 86 | |
| 87C: Isabella----- | Moderate | Well suited | Slight | Low | Northern red oak---- | 62 | 57 | Norway spruce, red pine, white spruce. |
| | | | | | Paper birch----- | --- | --- | |
| | | | | | Quaking aspen----- | 60 | 57 | |
| | | | | | Red pine----- | 61 | 100 | |
| | | | | | American basswood--- | --- | --- | |
| | | | | | American beech----- | --- | --- | |
| Melita----- | Moderate | Well suited | Slight | Low | Bigtooth aspen----- | 85 | 100 | Eastern white pine, jack pine, red pine. |
| | | | | | Eastern white pine-- | --- | --- | |
| | | | | | Paper birch----- | --- | --- | |
| | | | | | Red maple----- | --- | --- | |
| | | | | | Sugar maple----- | --- | --- | |
| | | | | | White oak----- | --- | --- | |
| 87E: | | | | | Northern red oak---- | 80 | 86 | |
| | | | | | Red maple----- | --- | --- | |
| | | | | | White oak----- | 70 | 72 | |

*See footnote at end of table.

Forestland Productivity and Management--Continued

| Map symbol and soil name | Erosion hazard potential | Site preparation limitations | Windthrow hazard potential | Potential Seedling Mortality | Potential productivity | | | Suggested trees to plant |
|--------------------------|--------------------------|------------------------------|----------------------------|------------------------------|------------------------|------------|-----------------------|---|
| | | | | | Common trees | Site index | Volume of wood fiber* | |
| Isabella----- | Moderate | Poorly suited | Slight | Low | American basswood---- | --- | --- | Norway spruce, red pine, white spruce. |
| | Slope/erodibility | Slope | | | American beech----- | --- | --- | |
| | | | | | Bigtooth aspen----- | 85 | 100 | |
| | | | | | Eastern white pine-- | --- | --- | |
| | | | | | Paper birch----- | --- | --- | |
| | | | | | Red maple----- | --- | --- | |
| | | | | | Sugar maple----- | --- | --- | |
| Melita----- | Moderate | Poorly suited | Slight | Low | Northern red oak---- | 80 | 86 | Eastern white pine, jack pine, red pine. |
| | Slope/erodibility | Slope | | | Red maple----- | --- | --- | |
| | | | | | White oak----- | 70 | 72 | |
| 90C: Rubicon----- | Moderate | Well suited | Slight | Low | Bigtooth aspen----- | 66 | 72 | Eastern white pine, jack pine, red pine. |
| | | | | | Eastern white pine-- | 45 | 72 | |
| | | | | | Jack pine----- | 53 | 72 | |
| | | | | | Northern red oak---- | --- | --- | |
| | | | | | Paper birch----- | --- | --- | |
| | | | | | Quaking aspen----- | 60 | 57 | |
| | | | | | Red maple----- | 57 | 29 | |
| Montcalm----- | Moderate | Well suited | Slight | Low | Red pine----- | 53 | 86 | Eastern white pine, red pine, white spruce. |
| | | | | | Balsam fir----- | --- | --- | |
| | | | | | Bigtooth aspen----- | --- | --- | |
| | | | | | Eastern white pine-- | --- | --- | |
| | | | | | Northern red oak---- | 66 | 43 | |
| | | | | | Paper birch----- | --- | --- | |
| | | | | | Quaking aspen----- | --- | --- | |
| | | | | | Red maple----- | --- | --- | |
| | | | | | Red pine----- | --- | --- | |
| 93C: Klacking----- | Moderate | Well suited | Slight | Low | Sugar maple----- | 61 | 43 | Eastern white pine, red pine. |
| | | | | | Yellow birch----- | --- | --- | |
| | Slight | Well suited | Slight | Low | Bigtooth aspen----- | 70 | 86 | |
| | | | | | Black cherry----- | --- | --- | |
| | | | | | Jack pine----- | --- | --- | |
| | | | | | Northern pin oak---- | --- | --- | |
| | | | | | Northern red oak---- | 60 | 57 | |
| | | | | | Quaking aspen----- | --- | --- | |
| | | | | | Red maple----- | --- | --- | |
| | | | | | Red pine----- | --- | --- | |
| | | | | | White oak----- | 57 | 43 | |

*See footnote at end of table.

Forestland Productivity and Management--Continued

| Map symbol and soil name | Erosion hazard potential | Site preparation limitations | Windthrow hazard potential | Potential Seedling Mortality | Potential productivity | | | Suggested trees to plant |
|-----------------------------|--------------------------------|------------------------------------|----------------------------------|------------------------------------|------------------------|---------------|-----------------------------|--|
| | | | | | Common trees | Site index | Volume of wood fiber* | |
| Isabella----- | Slight | Well suited | Slight | Low | American basswood--- | --- | --- | Norway spruce, red pine, white spruce. |
| | | | | | American beech----- | --- | --- | |
| | | | | | Bigtooth aspen----- | 85 | 100 | |
| | | | | | Eastern white pine-- | --- | --- | |
| | | | | | Paper birch----- | --- | --- | |
| | | | | | Red maple----- | --- | --- | |
| | | | | | Sugar maple----- | --- | --- | |
| | | | | | White oak----- | --- | --- | |
| 93D: Klacking----- | Moderate | Poorly suited | Slight | Low | Bigtooth aspen----- | 70 | 86 | Eastern white pine, red pine. |
| | Slope/erod ibility | Slope | | | Black cherry----- | --- | --- | |
| | | | | | Jack pine----- | --- | --- | |
| | | | | | Northern pin oak---- | --- | --- | |
| | | | | | Northern red oak---- | 60 | 57 | |
| | | | | | Quaking aspen----- | --- | --- | |
| | | | | | Red maple----- | --- | --- | |
| | | | | | Red pine----- | --- | --- | |
| | | | | | White oak----- | 57 | 43 | |
| Isabella----- | Moderate | Poorly suited | Slight | Low | American basswood--- | --- | --- | Norway spruce, red pine, white spruce. |
| | Slope/erod ibility | Slope | | | American beech----- | --- | --- | |
| | | | | | Bigtooth aspen----- | 85 | 100 | |
| | | | | | Eastern white pine-- | --- | --- | |
| | | | | | Paper birch----- | --- | --- | |
| | | | | | Red maple----- | --- | --- | |
| | | | | | Sugar maple----- | --- | --- | |
| | | | | | White oak----- | --- | --- | |
| 93E: Klacking----- | Moderate | Poorly suited | Slight | Low | Bigtooth aspen----- | 70 | 86 | Eastern white pine, red pine. |
| | Slope/erod ibility | Slope | | | Black cherry----- | --- | --- | |
| | | | | | Jack pine----- | --- | --- | |
| | | | | | Northern pin oak---- | --- | --- | |
| | | | | | Northern red oak---- | 60 | 57 | |
| | | | | | Quaking aspen----- | --- | --- | |
| | | | | | Red maple----- | --- | --- | |
| | | | | | Red pine----- | --- | --- | |
| | | | | | White oak----- | 57 | 43 | |
| Isabella----- | Moderate | Poorly suited | Slight | Low | American basswood--- | --- | --- | Norway spruce, red pine, white spruce. |
| | Slope/erod ibility | Slope | | | American beech----- | --- | --- | |
| | | | | | Bigtooth aspen----- | 85 | 100 | |
| | | | | | Eastern white pine-- | --- | --- | |
| | | | | | Paper birch----- | --- | --- | |
| | | | | | Red maple----- | --- | --- | |
| | | | | | Sugar maple----- | --- | --- | |
| | | | | | White oak----- | --- | --- | |
| 94B: | | | | | | | | |

*See footnote at end of table.

Forestland Productivity and Management--Continued

| Map symbol and soil name | Erosion hazard potential | Site preparation limitations | Windthrow hazard potential | Potential Seedling Mortality | Potential productivity | | | Suggested trees to plant |
|--------------------------|--------------------------|------------------------------|----------------------------|------------------------------|------------------------|------------|-----------------------|---|
| | | | | | Common trees | Site index | Volume of wood fiber* | |
| Isabella----- | Slight | Well suited | Slight | Low | American basswood--- | --- | --- | Norway spruce, red pine, white spruce. |
| | | | | | American beech----- | --- | --- | |
| | | | | | Bigtooth aspen----- | 85 | 100 | |
| | | | | | Eastern white pine-- | --- | --- | |
| | | | | | Paper birch----- | --- | --- | |
| | | | | | Red maple----- | --- | --- | |
| | | | | | Sugar maple----- | --- | --- | |
| Montcalm----- | Slight | Well suited | Slight | Low | White oak----- | --- | --- | Eastern white pine, red pine, white spruce. |
| | | | | | Balsam fir----- | --- | --- | |
| | | | | | Bigtooth aspen----- | --- | --- | |
| | | | | | Eastern white pine-- | --- | --- | |
| | | | | | Northern red oak---- | 66 | 43 | |
| | | | | | Paper birch----- | --- | --- | |
| | | | | | Quaking aspen----- | --- | --- | |
| 94C: Isabella----- | Moderate | Well suited | Slight | Low | Red maple----- | --- | --- | Norway spruce, red pine, white spruce. |
| | | | | | Red pine----- | --- | --- | |
| | | | | | Sugar maple----- | 61 | 43 | |
| | | | | | Yellow birch----- | --- | --- | |
| | | | | | American basswood--- | --- | --- | |
| | | | | | American beech----- | --- | --- | |
| | | | | | Bigtooth aspen----- | 85 | 100 | |
| Montcalm----- | Moderate | Well suited | Slight | Low | Eastern white pine-- | --- | --- | Eastern white pine, red pine, white spruce. |
| | | | | | Northern red oak---- | 66 | 43 | |
| | | | | | Paper birch----- | --- | --- | |
| | | | | | Quaking aspen----- | --- | --- | |
| | | | | | Red maple----- | --- | --- | |
| | | | | | Red pine----- | --- | --- | |
| | | | | | Sugar maple----- | 61 | 43 | |
| 94E: Isabella----- | Moderate | Poorly suited | Slight | Low | Yellow birch----- | --- | --- | Norway spruce, red pine, white spruce. |
| | | | | | American basswood--- | --- | --- | |
| | | | | | American beech----- | --- | --- | |
| | | | | | Bigtooth aspen----- | 85 | 100 | |
| | | | | | Eastern white pine-- | --- | --- | |
| | | | | | Paper birch----- | --- | --- | |
| | | | | | Red maple----- | --- | --- | |
| | Slope/erodibility | Slope | | | Sugar maple----- | --- | --- | |
| | | | | | White oak----- | --- | --- | |
| | | | | | | | | |

*See footnote at end of table.

Forestland Productivity and Management--Continued

| Map symbol and soil name | Erosion hazard potential | Site preparation limitations | Windthrow hazard potential | Potential Seedling Mortality | Potential productivity | | | Suggested trees to plant |
|--------------------------|--------------------------|------------------------------|----------------------------|------------------------------|------------------------|------------|-----------------------|---|
| | | | | | Common trees | Site index | Volume of wood fiber* | |
| Montcalm----- | Moderate | Poorly suited | Slight | Low | Balsam fir----- | --- | --- | Eastern white pine, red pine, white spruce. |
| | | Slope/erodibility | | | Bigtooth aspen----- | --- | --- | |
| | | | | | Eastern white pine-- | --- | --- | |
| | | | | | Northern red oak---- | 66 | 43 | |
| | | | | | Paper birch----- | --- | --- | |
| | | | | | Quaking aspen----- | --- | --- | |
| | | | | | Red maple----- | --- | --- | |
| | | | | | Red pine----- | --- | --- | |
| | | | | | Sugar maple----- | 61 | 43 | |
| | | | | | Yellow birch----- | --- | --- | |
| 97B: Isabella----- | Slight | Well suited | Slight | Low | American basswood--- | --- | --- | Norway spruce, red pine, white spruce. |
| | | | | | American beech----- | --- | --- | |
| | | | | | Bigtooth aspen----- | 85 | 100 | |
| | | | | | Eastern white pine-- | --- | --- | |
| | | | | | Paper birch----- | --- | --- | |
| | | | | | Red maple----- | --- | --- | |
| | | | | | Sugar maple----- | --- | --- | |
| | | | | | White oak----- | --- | --- | |
| Melita----- | Slight | Well suited | Slight | Low | American basswood--- | --- | --- | Eastern white pine, red pine. |
| | | | | | American beech----- | --- | --- | |
| | | | | | Black cherry----- | --- | --- | |
| | | | | | Eastern white pine-- | --- | --- | |
| | | | | | Quaking aspen----- | --- | --- | |
| | | | | | Red maple----- | --- | --- | |
| | | | | | Red pine----- | --- | --- | |
| | | | | | Sugar maple----- | 61 | 43 | |
| | | | | | Yellow birch----- | --- | --- | |
| 97C: Isabella----- | Moderate | Well suited | Slight | Low | American basswood--- | --- | --- | Norway spruce, red pine, white spruce. |
| | | | | | American beech----- | --- | --- | |
| | | | | | Bigtooth aspen----- | 85 | 100 | |
| | | | | | Eastern white pine-- | --- | --- | |
| | | | | | Paper birch----- | --- | --- | |
| | | | | | Red maple----- | --- | --- | |
| | | | | | Sugar maple----- | --- | --- | |
| | | | | | White oak----- | --- | --- | |
| Melita----- | Moderate | Well suited | Slight | Low | American basswood--- | --- | --- | Eastern white pine, red pine. |
| | | | | | American beech----- | --- | --- | |
| | | | | | Black cherry----- | --- | --- | |
| | | | | | Eastern white pine-- | --- | --- | |
| | | | | | Quaking aspen----- | --- | --- | |
| | | | | | Red maple----- | --- | --- | |
| | | | | | Red pine----- | --- | --- | |
| | | | | | Sugar maple----- | 61 | 43 | |
| | | | | | Yellow birch----- | --- | --- | |

*See footnote at end of table.

Forestland Productivity and Management--Continued

ENDNOTE--FORESTLAND INTERPRETATIONS

The information in the above table can help forest owners or managers plan the use of soil for wood crops. They show the potential productivity of the soils for wood crops and rate the soils according to the limitations that affect various aspects of forest management.

The POTENTIAL PRODUCTIVITY of merchantable or COMMON TREES on a soil is expressed as a SITE INDEX and as a volume number. The site index is the average height, in feet, that dominant and codominant trees of a given species attain in a specified number of years. The site index applies to fully stocked, even aged, unmanaged stands. Commonly grown trees are those that forest managers generally favor in intermediate or improvement cuttings. They are selected on the basis of growth rate, quality, value and marketability.

The VOLUME OF WOOD FIBER, a number, is the yield likely to be produced by the most important tree species. This number, expressed as cubic feet per acre per year and calculated at the age of culmination of the mean annual increment (CMAI), indicates the amount of fiber produced in a fully stocked, even aged, unmanaged stand.

TREES TO MANAGE are those that are preferred for planting, seeding, or natural regeneration and those that remain in the stand after thinning or partial harvest.

Interpretative ratings are given for various aspects of forest management. Some rating class terms indicate the degree to which the soils are suited to a specified forest management practice. Well suited indicates that the soil has features that are favorable for the specified practice and has no limitations. Good performance can be expected, and little or no maintenance is needed. Moderately suited indicates that the soil has features that are moderately favorable for the specified practice. One or more soil properties are less than desirable, and fair performance can be expected. Some maintenance is needed. Poorly suited indicates that the soil has one or more properties that are unfavorable for the specified practice. Overcoming the unfavorable properties requires special design, extra maintenance, and costly alteration. Unsited indicates that the expected performance of the soil is unacceptable for the specified practice or that extreme measures are needed to overcome the undesirable soil properties.

EROSION HAZARD POTENTIAL ratings are based on the soil erodibility factor K, slope, and content of rock fragments. The ratings apply to unsurfaced roads and trails. The hazard is described as slight, moderate, or severe. A rating of slight indicates that little or no erosion is likely; moderate indicates that some erosion is likely, that the roads or trails may require occasional maintenance; and that simple erosion-control measures are needed; and severe indicates that significant erosion is expected, that the roads or trails require frequent maintenance, and that costly erosion-control measures are needed.

SITE PREPARATION LIMITATIONS ratings are based on slope, depth to a restrictive layer, plasticity index, rock fragments on or below the surface, depth to a water table, and ponding. The soils are described as well suited, poorly suited, or unsited to this management activity. The part of the soil from the surface to a depth of about 1 foot is considered in the ratings.

Ratings in the column WINDTHROW HAZARD POTENTIAL is the likelihood that trees will be uprooted by wind because the soil is not deep enough for adequate root anchorage. The main restrictions that affect rooting are a seasonal high water table and the depth to bedrock, a fragipan, or other limiting layers. A rating of slight indicates that under normal conditions no trees are blown down by the wind. Strong winds may damage trees, but they do not uproot them. A rating of moderate indicates that some trees can be blown down during periods when the soil is wet and winds are moderate or strong. A rating of severe indicates that many trees can be blown down during these periods.

POTENTIAL SEEDLING MORTALITY ratings are based on flooding, ponding, depth to a water table, content of lime, reaction, salinity, available water capacity, soil moisture regime, soil temperature regime, aspect, and slope. The soils are described as having a low, moderate, or high potential for seedling mortality.

*Volume is the yield in cubic feet per acre per year at the age of culmination of mean annual increment for fully stocked stands.